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United States
Department of
Agriculture

Soil
Conservation
Service

Reno,
Nevada



Nevada Water Supply Outlook

March 1, 1985



Foreward

How Forecasts Are Made

Most of the annual streamflow in the Western United States originates as snowfall. This snowfall accumulates high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are viewed in conjunction with snowpack data to prepare runoff forecasts. This report presents a comprehensive picture of water supply outlook conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data and narratives describing current conditions.

Streamflow forecasts are cooperatively generated by Soil Conservation Service and National Weather Service hydrologists. Forecasts become more accurate as more data affecting runoff becomes known. For this reason forecasts are issued that reflect three future precipitation conditions — Below Normal, Average, and Above Normal. These forecasts are termed reasonable minimum, most probable, and reasonable maximum. Actual streamflow can be expected to fall between the lower and upper forecast values eight out of ten years.

Snowpack data are obtained by using a combination of manual and automated measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation, temperature, and other parameters are monitored on a daily basis and transmitted via radio telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

For More Information

Copies of Monthly Water Supply Outlook Reports and other reports may be obtained from the states listed below.

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, AK 99504
Arizona	Room 3008, Federal Building, 230 North First Ave., Phoenix, AZ 85025
Colorado (New Mexico)	2490 West 26th Ave., Denver, CO 80211
Idaho	304 North 8th Street, Room 345, Boise, ID 83702
Montana	10 East Babcock, Room 443, Federal Building, Bozeman, MT
Nevada	50 South Virginia Street, Third Floor, Reno, NV 89505
Oregon	1220 Southwest 3rd Ave., 16th Floor, Portland, OR 97204
Utah	4418 Federal Building, 125 South State Street, Salt Lake City, UT 84147
Washington	360 U.S. Court House, Spokane, WA 99201
Wyoming	Federal Building, 100 East "B" Street, Casper, WY 82602

In addition to state reports, a Water Supply Outlook Report for the Western United States is published by the Soil Conservation Service and National Weather Service monthly, January through May. Reports may be obtained from the Soil Conservation Service, West National Technical Center, 511 Northwest Broadway, Room 514, Portland, OR 97209.

Published by other agencies:

Water Supply Outlook Reports prepared by other agencies include: California — Snow Survey Branch, California Department of Water Resources, P.O. Box 388, Sacramento, CA 95802; British Columbia — The Ministry of Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia, V8V 1X5; Yukon Territory — Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory, Y1A 3V1; Alberta, Saskatchewan, and N.W.T. — The Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta, T3C 1A6.

Nevada Water Supply Outlook and

Federal — State — Private Cooperative Snow Surveys

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All Averages are for 1961-1980, 20 year period.

WATER SUPPLY OUTLOOK

NEVADA

NOTICE

The President's 1986 Budget request to Congress calls for termination of the Snow Survey and Water Supply Forecast activity within the U.S. Soil Conservation Service for fiscal policy reasons. If the President's budget request is enacted by Congress the Snow Survey Program will be eliminated by the end of fiscal year 1986.

SNOWPACK MEASUREMENTS

March first snow surveys show below average snowpack conditions in western Nevada and average to above average conditions through-out the rest of the state.

Lake Tahoe, Truckee River, and Carson River Basins are approximately 80% of the 1961-80 twenty year average. The Walker River Basin is only 70% of average. The four basins are 65 to 70% of snowpack conditions measured last year. Lower elevation snow courses generally have higher snow water content percentage values than the higher elevation courses.

Total Humboldt River Basin drainage is 110% of average. The upper basin is 105% of average and the lower basin is 120% of average. Lower elevation snowpack is well above average for this time of year. Deep snow accumulation has hindered manual snow measurements and increased the time necessary to complete surveys.

The Snake and Owyhee basins are near average. The Snake basin is 95% of average and the Owyhee is 110%. Both basins are 45 to 50% below last year's measurements. Eastern Nevada snow courses are 95% of the twenty year averages and 65% of last year.

The lower Colorado River basin snowpack is significantly better than conditions observed last year. The current basin snowpack is 135% of average and 235% of last year. Lower snow courses in this basin are below the basinwide average with the higher elevation course above these values.

RESERVOIR STORAGE

Total water storage in the seven monitored reservoirs is 120% of average. A total of 1,008,200 acre feet is stored in the facilities as compared to an average of 850,700 acre feet. Rye Patch Reservoir currently has 134,300 acre feet of stored water which is 130% of average. Storage in Lahontan Reservoir is 203,800 acre feet and there is 528,500 acre feet in Lake Tahoe. Both values are 125% of average.

STREAMFLOW FORECAST

Streamflow forecasts for western Nevada are below average, while forecasts for northern, eastern and southern Nevada are above average.

The Truckee River at Farad, California is forecasted at 210,000 acre feet which is 80% of average. The Little Truckee River above Boca, California will produce 70,000 acre feet or 75% of average.

The flow on the east fork of the Carson River near Gardnerville, Nevada will be 151,000 acre feet or 80% of average for the period April 1 to July 31. The Carson River near Fort Churchill is forecasted at 125,000 acre feet and is 75% of twenty year averages.

The East Walker River near Bridgeport, California will produce 55,000 acre feet while the West Walker River near Coleville, California will provide 120,000 acre feet for summer time use. These two values are 85% and 80% of average respectively.

All forecast points within the Humboldt Basin will be above average. The Humboldt River at Palisade, Nevada will produce 250,000 acre feet which is 110% of average. The Humboldt River at Comus, Nevada is forecasted at 200,000 acre feet or 115% of average.

Eastern Nevada streamflow forecasts will be above average. Steptoe Creek near Ely, Nevada is projected to produce 6,500 acre feet and the Franklin River near Arthur, Nevada will produce flow 2,500 acre feet.

STREAMFLOW FORECASTS (Thousand Acre Feet) as of:

Forecasts are based on snow-water presently stored in the mountain watersheds and the assumption that precipitation will be near average throughout the forecast period. Peak flow forecasts indicate the most probable range for the maximum average 24-hour flow. All averages are for

FORECAST POINT	Forecast Period	Forecast This Year	This Year as Percent of Average	Average †
TRUCKEE RIVER				
Lake Tahoe Rise in feet (assuming gates closed)	April 1 to High	1.1	88	1.39
Little Truckee River abv Boca, CA	Apr-Jul	70.0	76	92.50
Truckee River at Farad, CA <u>1/</u>	Apr-Jul	210.0	78	269.00
Sagehen Creek, CA	Apr-Jul	4.8	74	6.50
Galena Creek near Steamboat, NV	Apr-Jul	3.4	78	4.40
Steamboat Creek at Steamboat, NV	Apr-Jul	4.2	81	5.20
CARSON RIVER				
E. Carson near Gardnerville, NV	Apr-Jul	151.0	81	187.00
W. Carson at Woodfords, CA	Apr-Jul	42.0	79	53.00
Carson River near Carson City, NV	Apr-Jul	135.0	74	182.00
Carson River nr Ft. Churchill, NV	*	125.0	75	166.00
WALKER RIVER				
E. Walker near Bridgeport, CA <u>2/</u>	Apr-Aug	55.0	83	66.00
W. Walker blw L. Walker nr Coleville	*	120.0	81	148.00
SNAKE RIVER				
Owyhee River near Owyhee, NV <u>3/</u>	Apr-Jul	110.0	129	85.40
Owyhee River near Gold Creek, NV <u>3/</u>	Apr-Jul	27.0	113	23.40
S. F. Owyhee River nr White Rock, NV	*	115.0	139	83.00
Salmon Falls Crk. nr San Jacinto, NV	Mar-Jul	98.0	116	95.00
HUMBOLDT RIVER				
Lamoille Crk. nr Lamoille, NV	Apr-Jul	30.0	105	28.70
S. F. Humboldt abv Dixie Crk., NV		81.0	107	75.00
Mary's River abv Hot Springs, NV	Apr-Jul	39.0	106	36.90
N. F. Humboldt at Devils Gate, NV	Apr-Jul	37.0	109	34.80
Humboldt River at Palisades, NV	Apr-Jul	250.0	109	230.00
Humboldt River at Comus, NV	Apr-Jul	200.0	116	173.00
Kingston Creek near Austin, NV	Apr-Jul	4.2	126	3.30
L. Humboldt nr Paradise Valley, NV	Apr-Jul	11.4	118	9.70
Martin Creek nr Paradise Valley, NV	*	20.0	127	15.80
Reese River near Ione, NV	Apr-Jul	8.2	124	6.60
Rock Creek nr Battle Mountain, NV	Apr-Jul	19.6	123	16.00
NORTHERN GREAT BASIN				
Bidwell Creek nr Ft. Bidwell, CA	Apr-Jul	12.0	100	12.00
Mill Creek near Cedarville, CA	Apr-Jul	4.5	110	4.10
Deep Creek near Cedarville, CA	Apr-Jul	3.6	100	3.60
Eagle Creek near Eagleville, CA	Apr-Jul	4.4	102	1.33
Quinn River near McDermitt, NV	Apr-Jul	17.0	106	16.00
E. F. Quinn River near McDermitt, NV	*	14.0	108	13.00
McDermitt Creek nr McDermitt, NV	Apr-Jul	12.5	104	12.00
EASTERN NEVADA				
Franklin River near Arthur, NV	Apr-Jul	6.5	110	5.90
Steptoe Creek near Ely, NV	Apr-Jul	2.5	127	2.00
COLORADO RIVER				
Virgin River near Hurrigan, UT	Apr-Jun	51.0	106	48.00

NOTE: Streamflow forecasts which appear in this Bulletin are a coordinated activity of the National Weather Service and the Soil Conservation Service.

1/ Observed flow plus change in storage in Boca, Stampede, and Prosser Reservoirs, Donner, Independence, and Martis Creek, and minus the flow at Truckee River at Tahoe City, California.

2/ Observed flow plus change in storage in Bridgeport Reservoir.

3/ Observed flow plus change in storage in Wildhorse Reservoir.

RESERVOIR STORAGE (Thousand Acre Feet) AS OF MARCH 1, 1985

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average +
Owyhee	Wild Horse	72 +	60.1	58	29.4
Lower Humboldt	Rye Patch	194	134.3	111	104.1
Colorado	Mohave	1,810	1,731.5	1,745	1,674.0
Colorado	Mead	26,159	3,898.0	24,046	17,520.0
Tahoe	Tahoe	745	528.5	508	416.3
Truckee	Boca	41	14.3	25	18.2
Truckee	Stampede**	222	193.8	201	104.1*
Truckee	Prosser***	30	9.9	9	7.3*
Carson	Lahontan	295	203.8	203	211.8
West Walker	Topaz	59	28.2	53	39.6
East Walker	Bridgeport	42	39.0	34	31.3

* Adjusted average.
 ** Storage began August 1, 1969.
 *** Flood Control use allocation of 20,000 acre-feet between November 1 and April 10.

1961-1980 Average

+ Capacity Increased to 72,000 Acre Feet in 1969.

TOTAL RESERVOIR STORAGE (Thousand Acre Feet)

MONTH	This Year	Last Year	Average +
October	976.1	705	698.1
January 1	978.6	1211	707.7
February 1	948.5	1041	795.8
March 1	1008.2	992	850.7
April 1		976	901.1
May 1		1091	1009.3

The above data developed from Wild Horse, Rye Patch, Tahoe, Boca, Lahontan, Topaz, and Bridgeport Reservoirs in 1,000 Acre-feet.

TOTAL USABLE CAPACITY

PEAK FLOWS (MAXIMUM MEAN DAILY) (Av. flow for 24 hrs. on day of greatest flow)

FORECAST POINT	PEAK FLOW (SECOND FEET)	
	Forecast Range	Average +
East Fork Carson River near Gardnerville	1400-1725	1,865
Carson River near Carson City, NV	1420-1775	2,098
Carson River near Ft. Churchill, NV	1250-1600	1,914
W. Walker River below L. Walker near Coleville, CA	1140-1540	1,589

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second/Ft.	Forecast Date Stream will Recede to Low Flow Value	Average Date of Low Flow Value
East Carson River near Gardnerville, NV	200	7/15	7/24
	500	6/17	6/28

1961-80 PERIOD

BASIN SUMMARY OF SNOW COURSE DATA

MARCH 1985

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
LAKE TAHOE						
ECHO PEAK (CA)	7800	2/25/85	52	21.0	42.5	34.1
ECHO SUMMIT (CA)	7450	2/27/85	57	21.1	36.8	28.5
FALLEN LEAF (CA)	6300	2/26/85	27	7.3	6.0	6.8
FREEL BENCH (CA)	7300	2/25/85	22	7.0	8.4	11.0
GLENBROOK #2	6900	3/03/85	27	8.8	9.9	10.3
HAGANS MEADOW (CA)	8000	2/25/85	28	10.1	16.6	15.8
HEAVENLY VALLEY (CA)	8850	2/26/85	52	17.7	28.4	25.1
LAKE LUCILLE (CA)	8200	2/25/85	108	42.9E	69.4	51.0
MARLETTE LAKE	8000	2/25/85	44	16.5	25.6	18.8
RICHARDSONS #2 (CA)	6500	3/01/85	39	13.0	13.0	14.6
RUBICON #1 (CA)	8100	3/01/85	81	31.7E	53.0	39.3
RUBICON #2 (CA)	7500	3/01/85	51	20.0S	31.6	24.8
TAHOE CITY CROSS(CA)	6750	3/02/85	38	14.0	17.8	17.6
TRUCKEE, UPPER (CA)	6400	2/25/85	20	6.5	7.4	9.4
WARD CREEK #2 (CA)	7000	2/26/85	65	27.1	41.0	34.3
WARD CREEK #3 (CA)	6750	2/25/85	73	28.6	38.0	31.5
TRUCKEE RIVER						
BIG MEADOWS	8300	2/25/85	52	18.5	23.1	--
BROCKWAY SUMMIT (CA)	7100	3/02/85	33	11.5	16.2	16.5
CASTLE CREEK (CA)	7400	2/27/85	82	33.2	56.0	42.4
DONNER PARK #2 (CA)	6000	2/24/85	36	11.0	9.1	15.1
DONNER SUMMIT (CA)	6900	2/26/85	62	25.8	39.2	32.7
FORDYCE LAKE (CA)	6500	2/25/85	68	27.3	36.0	32.8
FURNACE FLAT (CA)	6700	2/25/85	78	31.6	43.7	38.0
INDEPENDENCE CAMP CA	7000	2/25/85	39	12.3	23.4	19.5
INDEPENDENCE CREEK	6500	2/25/85	33	9.2	11.8	12.2
INDEPENDENCE LAKE CA	8450	2/25/85	70	27.7	40.3	34.9
LITTLE VALLEY	6300	3/06/85	28	8.6	1.6	8.0
MT. ROSE	9000	2/25/85	61	23.9	37.3	30.4
MT. ROSE SKI AREA	9000	2/26/85	76	28.42	46.9	38.2
SAGEHEN CREEK (CA)	6500	3/02/85	40	12.7E	--	15.9
SQUAW VALLEY #2 (CA)	7500	2/26/85	75	29.9	32.8	41.8
SQUAW VALLEY G.C., CA	8200	2/26/85	80	33.8	54.5	43.2
TAHOE CITY CROSS(CA)	6750	3/02/85	38	14.0	17.8	17.6
TRUCKEE #2 (CA)	6400	3/02/85	33	10.2	10.8	13.1

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
CARSON RIVER						
BLUE LAKES (CA)	8000	2/27/85	63	23.3	36.0	37.9
CARSON PASS, UP (CA)	8600	2/22/85	63	23.9	38.3	29.7
CLEAR CREEK	7300	3/06/85	26	7.6	7.9	11.5
EBBETTS PASS #2 (CA)	8700	2/25/85	61	23.0	41.5	32.9
FISH VALLEY, UP AM, CA	8050	2/25/85	47	15.9	14.8	13.1
MONITOR PASS AM (CA)	8350	2/25/85	39	12.8	17.3	--
POISON FLAT #2 (CA)	7900	2/25/85	35	12.0	17.2	15.7
SPRATT CREEK (CA)	6080	2/25/85	17	6.5	2.5	--
19L31 IS NOT ON FILE						
19L20 IS NOT ON FILE						
HALPER RIVER						
CENTER MOUNTAIN (CA)	9400	3/01/85	78	24.0E	41.6	33.3
LEAVITT LAKE (CA)	9400	2/25/85	77	29.2	53.6	40.9
LEAVITT MEADOWS (CA)	7200	2/25/85	22	6.8	9.2	10.1
LOBDELL LAKE (CA)	9200	2/25/85	37	10.7	18.2	15.4
SAWMILL RIDGE (CA)	8750	2/25/85	40	12.8	18.0	17.3
SONORA PASS (CA)	8800	2/25/85	43	15.0	28.3	22.1
TIOGA PASS (CA)	9900	2/27/85	48	18.3	33.7	27.9
VIRGINIA LAKES (CA)	9500	2/25/85	33	10.3	18.8	15.8
VIRGINIA LAKES RIDGE	9200	2/25/85	45	13.0	20.5	16.2
WILLOW FLAT (CA)	8250	2/25/85	22	7.6	12.5	10.0
NORTHERN GREAT BASIN						
BARBER CREEK (CA)	6500	3/01/85	38	12.8E	--	10.2
CEDAR PASS (CA)	7100	3/01/85	51	17.1E	--	13.2
DISASTER PEAK	6500	3/01/85	34	9.6	14.7	12.3
GOVERNMENT CORRALS	7450	2/28/85	46	15.0	26.0	--
OREGON CANYON AM	6950	2/28/85	24	7.7	--	5.0
PUEBLO SUMMIT AM	6800	2/28/85	12	4.0	--	--
QUINN RIDGE (OR) AM	6300	2/28/85	9	2.7E	3.0	1.6
RESERVATION CR. (CA)	5900	3/01/85	39	13.0E	--	10.2
TROUT CREEK AM	7800	2/28/85	39	13.3	--	7.6

SNOW COURSE		ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80

HUMBOLDT RIVER, UPPER							
AMERICAN BEAUTY	AM	7800	2/28/85	28	8.0	19.8	8.2
CORRAL CANYON		8500	2/28/85	46	13.5	24.8	13.1
DORSEY BASIN		8100	2/28/85	39	10.7	27.7	11.2
DRAW CREEK #2		7450	2/27/85	37	11.1	20.6	--
DRY CREEK		6500	2/28/85	18	5.4	14.9	3.5
FRY CANYON		6700	2/27/85	25	6.6	15.6	6.3
GREEN MOUNTAIN		8000	2/28/85	38	11.3	28.9	11.4
HARRISON PASS #1		6600	2/28/85	21	5.0	11.0	3.6
HARRISON PASS #2		7400	2/28/85	25	5.7	13.1	4.7
LAMOTILLE #1		7100	2/28/85	32	8.5	16.5	8.2
LAMOTILLE #3		7700	2/28/85	33	8.8	19.8	10.6
LAMOTILLE #5		8700	2/28/85	56	20.2	40.5	22.0
POLE CANYON #2		7700	2/28/85	37	17.0	35.5	13.5
ROBINSON LAKE	AM	9200	2/28/85	92	29.0	49.2	26.3
RODEO FLAT		6800	2/27/85	28	7.8	17.9	5.1
RYAN RANCH		5800	2/28/85	8	2.0	5.8	1.1
SMITH CREEK		7700	2/28/85	37	10.0	25.3	10.9
TENT MTN, LOWER	AM	7000	2/28/85	31	7.0	--	13.7
TENT MTN, UPPER	AM	8350	2/28/85	55	16.2	--	15.9
TREMEWAN RANCH		5700	2/27/85	10	2.2	6.8	1.6
TROUT CREEK, LOWER		6900	2/28/85	24	5.5	9.1	3.6
HUMBOLDT RIVER, LOWER							
BIG CREEK CAMPGROUND		6600	2/21/85	10	2.3	4.4	1.7
BIG CREEK MINE		7600	2/21/85	23	5.2	13.0	4.5
BIG CREEK SUMMIT		8700	2/21/85	53	16.3	29.7	10.0
BIG CREEK, UPPER		7800	2/21/85	22	5.8	17.0	6.0
BUCKSKIN, LOWER		6700	2/01/85	37	11.4E	14.4	7.2
BUCKSKIN, UPPER		8200	3/01/85	41	12.5E	20.8	8.7
COLLONDA #2		6000	2/22/85	23	7.0	16.8	4.4
GRANITE PEAK		7800	3/01/85	51	15.7E	26.4	13.5
LAHANCE CREEK		6000	2/27/85	36	11.0	22.6	9.0
MARTIN CREEK		6700	3/01/85	31	9.4E	16.8	8.7
MTDAS		7700	2/28/85	9	2.1	12.6	2.9
SNOWSTORM MTN	AM	7420	2/28/85	41	9.6	22.0	10.9
TOE JAM AM	AM	7700	2/28/85	27	7.6	20.4	8.0

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1961-80
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EASTERN NEVADA

BAKER CREEK #1	7950	2/26/85	22	5.2	4.9	5.6
BAKER CREEK #2	8950	2/26/85	39	10.8	13.4	11.0
BAKER CREEK #3 AM	9250	2/23/85	40	10.3	11.4	11.9
BERRY CREEK	9100	2/26/85	44	12.6	20.8	11.4
BJRD CREEK	7500	2/26/85	13	3.7E	4.2	3.4
DEFIANCE MINES AM	9400	2/23/85	46	12.9	20.0	24.4
HOLE-IN-MOUNTAIN	7900	2/28/85	46	15.5	43.7	18.6
KALAMAZOO CREEK	7400	2/24/85	32	9.1	12.0	6.0
MURRAY SUMMIT	7250	2/25/85	16	4.4	4.6	2.9
ROBINSON SUMMIT	7600	2/25/85	9	2.6	4.0	2.0
SILVER CREEK #2 AM	8000	2/23/85	25	7.1	6.8	5.1
WARD MOUNTAIN #2 AM	9200	2/23/85	37	10.5	11.1	6.4

LOWER COLORADO RIVER

CORDUROY FLAT	8720	2/23/85	20	5.2	4.9	--
KYLE CANYON	8200	2/26/85	35	13.3	2.8	8.9
LEE CANYON #2	9000	2/26/85	26	9.1	3.8	6.4
LEE CANYON #3	8500	2/26/85	28	10.3	3.4	6.7
RATNBOW CANYON #2	8100	2/26/85	41	14.7	4.1	12.2
WHITE RIVER #1	7400	2/23/85	5	1.3	6.8	2.7

SNAKE RIVER

BEAR CREEK	7800	2/27/85	55	16.8	29.2	17.9
BOY CREEK	6800	2/27/85	41	11.4	15.9	9.7
COAT CREEK	8800	2/27/85	51	15.3	26.8	15.6
HUMMINGBIRD SPRINGS	8950	2/27/85	62	18.8	30.1	19.5
JAKES CREEK AM	7000	2/28/85	15	3.5	10.2	4.7
MERRIT MOUNTAIN AM	7000	2/28/85	21	5.6	20.4	5.2
POLE CREEK R.S.	8330	2/27/85	58	18.2	28.8	17.4
SEVENTYSIX CREEK	7100	2/27/85	35	10.3	21.7	10.5
STAG MOUNTAIN AM	7700	2/28/85	15	4.1	13.0	5.4

OWYHEE RIVER

BIG BEND	6700	2/27/85	27	7.1	15.9	7.7
COLUMBIA BASIN AM	6650	2/28/85	26	7.0	21.1	8.0
FANN CREEK #2	7050	2/27/85	51	15.0	27.6	--
GOLD CREEK	6600	2/27/85	21	5.4	11.7	5.0
JACK CREEK, LOWER	6800	2/27/85	16	4.4	17.6	3.6
JACK CREEK, UPPER	7250	2/27/85	27	7.5	23.5	7.1
JACK CREEK #2, UPPER	7280	2/27/85	52	17.0	28.5	--
JACKS PEAK	8420	2/27/85	62	19.4	37.0	17.8
LAUREL DRAW	6700	2/27/85	36	9.7	15.9	7.0
LOUSE CANYON AM	6440	2/28/85	23	7.1	--	4.1
TAYLOR CANYON	6200	2/27/85	24	5.9	13.6	4.5

S N O W M E A S U R E M E N T S

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH (inches)	WATER CONTENT (inches)	LAST YEAR (inches)
Alder Creek	6,960	02/26/85	63	23.0	42.7
Apollo Way	7,300	02/25/85	26	11.5	6.7
Bennett Flat	6,200	02/26/85	32	12.0	12.9
Brockway Summit	7,200	02/26/85	46	16.2	21.0
Cabin Creek	6,540	02/26/85	34	11.3	12.4
Clear Creek	5,800	02/25/85	0	0.0	0.0
Cliff Ranch, Franktown	5,250	02/27/85	6	2.3	0.0
Davis Creek	5,160	02/27/85	0	0.0	0.0
Evergreen Hills Road	5,700	02/27/85	8	3.2	0.6
Fuller Lake	6,200	02/27/85	9	3.4	1.0
Galena Creek	7,440	02/25/85	44	14.0	21.5
Hennes Past Jct.	6,410	02/26/85	38	11.3	13.8
Hobart Mill	5,850	02/26/85	23	8.2	8.5
Incline Creek	6,235	02/25/85	0	0.0	1.2
Jones Creek	6,000	02/25/85	12	4.5	1.1
Joy Lake	6,000	02/27/85	3	1.2	0.5
Jct. 395 and NV 27	4,590	02/25/85	0	0.0	0.0
Lancer	5,110	02/25/85	0	0.0	0.0
Little Valley	6,540	02/27/85	20	8.3	6.2
Mount Rose Resort	8,280	02/25/85	58	21.5	34.8
North Star Fire Dept.	6,320	02/26/85	22	6.7	3.0
RNR Forestry Site	6,400	02/25/85	25	8.1	8.5
Reindeer Lodge	7,060	02/25/85	29	8.8	12.7
Sagehen Creek	6,340	02/26/85	40	12.0	16.8
Sky Tavern	7,620	02/25/85	35	13.1	23.8
Spooner Summit	7,260	02/25/85	33	11.0	16.6
Squaw Valley Fire Dept.	6,240	02/26/85	25	11.6	8.8
Tahoe City	6,240	02/26/85	25	10.1	10.1
Tahoe Meadows	8,540	02/25/85	72	25.8	44.8
Tamarack Lake	8,820	02/25/85	60	21.9	32.5
Third Creek	8,000	02/25/85	41	14.0	24.5
Thunder Cliff	6,200	02/26/85	31	11.6	9.9
Truckee-Tahoe Airport	5,900	02/26/85	11	4.9	1.5
Whites Creek	5,670	02/25/85	5	2.2	0.0

Desert Research Institute Measurements

Tahoe-Truckee Basin

P R E C I P I T A T I O N D A T A

MARCH 1985

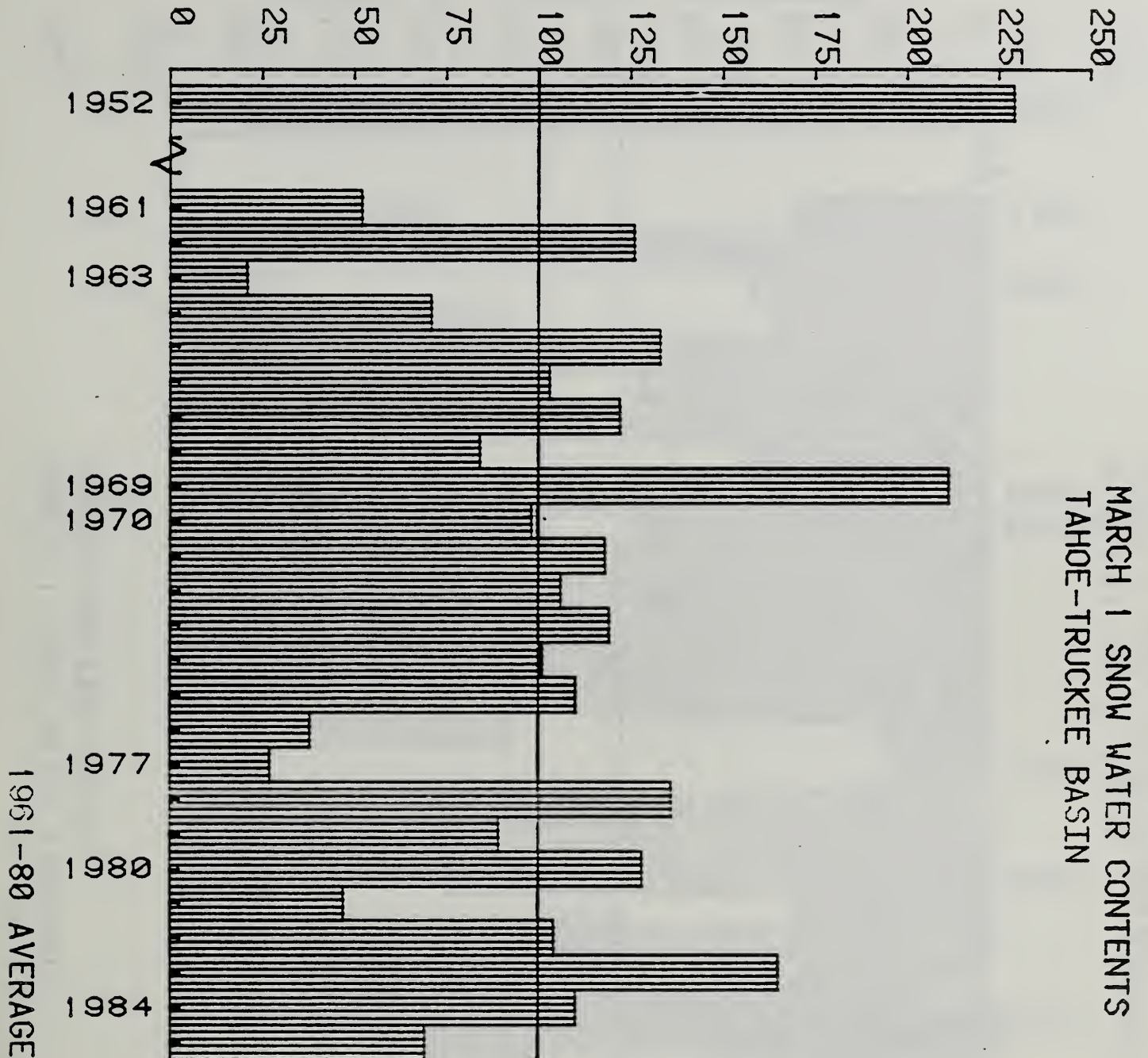
PRECIPITATION STATION	FEBRUARY		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
<hr/>				
ALTURAS	.87	1.25	6.11	7.22
BIG MEADOWS, NV	4.00	4.70	20.00	36.30
BISHOP WSO	.01	---	3.24	---
BLUE CANYON	6.50	---	34.63	---
BLUE LAKES, CA	4.50	6.27	48.70	36.77
BOCA	2.15	2.84	12.75	15.08
BRIDGEPORT-SHERIFF	1.10	1.34	5.90	7.68
BRIDGEPORT R.S.	.70	---	3.95	---
CEDAR PASS, CA	3.90	4.24	20.00	19.77
CEDARVILLE	.98	1.31	6.86	8.86
DAGGETT PASS	1.93	---	11.06	---
DISMAL SWAMP, CA	5.40	4.45	29.80	32.35
DONNER PARK, CA	N O	R E P O R T		
EBBETTS PASS, CA	N O	R E P O R T		
ECHO PEAK, CA	12.00	5.97	---	40.55
ECHO SUMMIT (S.S.R.)	3.63	---	29.56	---
ELLERY LAKE	7.78	2.68	12.20	14.64
FALLEN LEAF, CA	N O	R E P O R T		
FT. BIDWELL	1.56	1.81	9.70	9.87
GETGER SUMMIT	1.91	---	7.52	---
GLENBROOK, NV	1.74	2.27	7.94	11.60
HAGAN'S MEADOW, CA	2.60	6.17	15.20	21.29
HAPPY CAMP, CA	6.07	6.81	37.16	41.97
HEAVENLY VALLEY, CA	2.40	5.44	16.20	23.02
HETCH-HETCHY	2.83	4.81	17.93	23.36
INCLINE VILLAGE	3.58	---	13.36	---
INDEPENDENCE CAMP, CA	13.00	5.11	26.80	23.55
INDEPENDENCE CREEK, C	4.90	4.95	---	26.37
INDEPENDENCE LAKE, CA	4.10	7.47	---	32.22
KINGSBURY GRADE	N O	R E P O R T		
LEAVITT MEADOW, CA	1.70	6.30	14.50	29.80
LITTLE VALLEY, NV	N O	R E P O R T		
LOBDELL LAKE, CA	2.20	4.03	19.60	16.54
MAMMOTH R.S.	N O	R E P O R T		
MAMMOTH (MIDWAY)	N O	R E P O R T		
MARLETTE LAKE, NV	3.00	4.97	19.10	22.55
MEYERS	N O	R E P O R T		
MT. ROSE, NV	3.40	4.45	19.50	22.85
MT. ROSE SKI AREA, NV	7.40	10.13	30.00	49.31
PINE NUT MTS., LOWER	N O	R E P O R T		

PRECIPITATION STATION	FEBRUARY		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
PINE NUT MTS., UPPER	N O	R E P O R T		
POISON FLAT, CA	2.80	5.02	21.00	23.85
RUBICON #2, CA	5.40	5.70	24.00	33.70
SAGEHEN CREEK	N O	R E P O R T		
SIERRAVILLE R.S.	2.93	---	13.53	---
S LAKE TAHOE APRT	2.35	---	13.02	---
SONORA PASS, CA	2.80	5.73	21.10	23.97
SPRATT CREEK, CA	2.80	5.00	17.30	25.75
SQUAW VALLEY G C	N O	R E P O R T		
SUSANVILLE APRT	1.03	---	6.79	---
TAHOE CITY-DUKES	1.90	4.59	15.81	23.83
TAHOE CITY-USCG	1.76	---	12.06	---
TAHOE CITY CROSS, CA	4.00	5.87	19.20	33.23
TRUCKEE APRT	1.59	---	10.40	---
TRUCKEE F/P	3.20	---	16.70	---
TRUCKEE RS	3.54	4.53	19.04	23.13
TRUCKEE #2, CA	3.80	3.96	16.70	27.43
TWIN LAKES	3.12	6.82	21.29	33.48
VIRGINIA LAKES, CA	2.50	2.83	15.80	6.51
WARD CREEK #3, CA	6.80	10.05	36.80	48.75
WET MEADOWS, CA	4.30	6.83	28.10	33.15
WOODFORDS	1.09	2.40	10.17	14.48
ZEPHER COVE	1.38	---	---	---
ARTHUR 4NW, NV	1.13	1.37	6.90	7.35
AUSTIN, NV	1.46	1.26	5.88	5.58
BATTLE MOUNTAIN, NV	.12	.81	3.53	4.13
BEAR CREEK, NV	6.10	3.45	19.40	17.24
BERRY CREEK, NV	4.80	3.70	---	13.55
BIG BEND, NV	1.30	1.53	8.20	9.53
BIG CREEK SUMMIT, NV	3.30	1.55	13.30	8.20
BOIES RESERVOIR	N O	R E P O R T		
BUCKSKIN LOWER, NV	4.00	2.30	13.50	14.20
CALTENTE	.35	---	4.01	---
CARSON CITY	N O	R E P O R T		
CEDAR PASS	3.90	---	24.60	---
CEDARVILLE	.98	1.31	6.86	8.86
CONTACT	.37	.48	3.01	3.78
CORRAL CANYON, NV	2.70	2.48	14.40	13.38
DEETH	.39	---	5.11	---
DENTO	1.02	.61	7.48	4.15
DESSERT ROCK	.02	---	4.63	---
DIAMOND PEAK	1.60	---	8.90	---
DISHAL SHAMP	5.40	---	29.80	---
DISASTER PEAK, NV	2.00	1.60	12.10	13.95
DORSEY BASIN, NV	2.20	3.54	14.90	16.20
DRAW CREEK	N O	R E P O R T		

PRECIPITATION STATION	FEBRUARY		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
DUEFURRENA, NV	.41	.46	4.70	3.19
ELKO, NV	.15	.83	4.29	4.59
ELY, NV	.42	.68	4.07	3.48
EMIGRANT PASS, NV	.55	.99	6.09	5.40
FAWN CREEK #2, NV	3.60	1.70	17.30	11.10
FALLON EXP. STN.	.11	---	1.83	---
FALLON NAS	N O	R E P O R T		
FERGUSON RANCH	N O	R E P O R T		
FORD CORRAL	N O	R E P O R T		
FRY CANYON	N O	R E P O R T		
FORTY-NINE MOUNTAIN	N O	R E P O R T		
GOAT CREEK, NV	3.90	4.19	17.10	18.37
GRANITE PEAK, NV	3.40	2.15	18.60	17.20
GREEN MOUNTAIN, NV	3.20	3.80	15.50	20.40
HAWTHORNE	.09	---	1.19	---
HOLE-IN-MOUNTAIN, NV	N O	R E P O R T		
JACK CREEK ,UPPER, N	2.20	2.94	14.20	15.64
JACK'S PEAK, NV	3.60	3.61	16.90	31.11
JIGG'S	.88	---	4.90	---
LAMANCE CREEK	1.90	---	14.50	---
LAMOTILLE, NV	N O	R E P O R T		
LAMOTILLE #3, NV	2.30	3.16	13.40	14.31
LAS VEGAS	.02	---	2.84	---
LAUREL DRAW, NV	2.40	2.60	14.60	15.50
LOVELOCK FAA	.74	---	3.41	---
MARTIN CREEK RS, NV	N O	R E P O R T		
MINDEN	N O	R E P O R T		
MONTELLLO	N O	R E P O R T		
MOUNTAIN CITY RS, NV	.70	1.02	4.91	6.31
MT. ROSE/XMAS TREE	1.60	---	10.40	---
OROVADA, NV	.41	.84	5.37	5.00
OWYHEE, NV	N O	R E P O R T		
PARADISE VALLEY, NV	1.04	.90	5.92	5.28
PEQUOP	.42	---	3.77	---
PINYON MINE (NE WMC)	.60	---	4.21	---
PLOCHE	.19	---	5.49	---
POLE CREEK RS, NV	1.50	1.88	9.30	11.33
RENO WSFO	.68	---	3.27	---
RENO UNR	.54	---	2.03	---
RODED FLAT, NV	N O	R E P O R T		
RUBY LAKE	.78	---	6.74	---
SEVENTYSIX CREEK, NV	2.00	2.78	10.40	12.67
SKY TAVERN	N O	R E P O R T		
SPARKS-FIRE DEPT	.60	---	3.07	---
SPARKS-COBB	.78	---	---	---
STATELINE	1.30	---	4.66	---

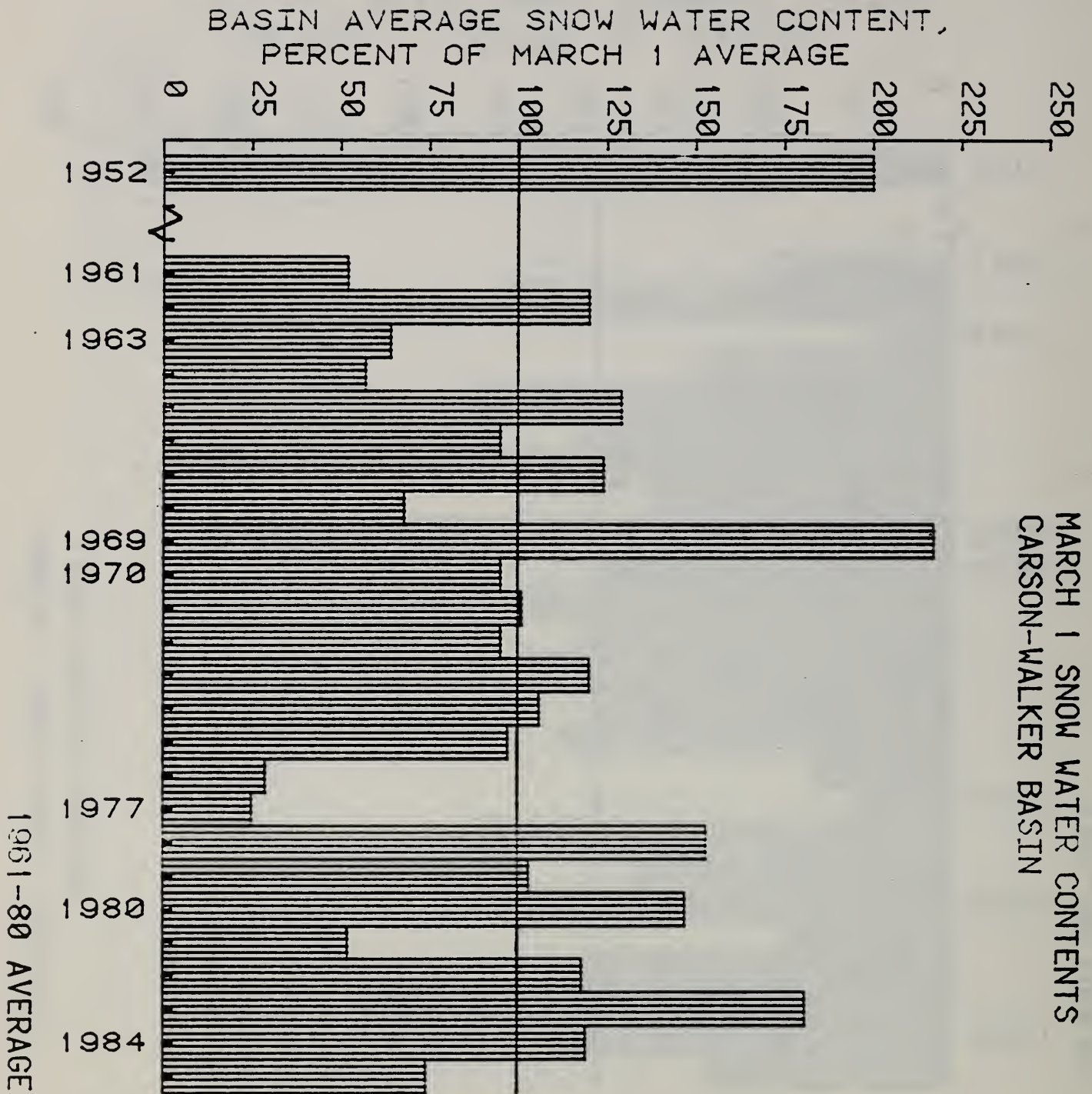
PRECIPITATION STATION	FEBRUARY		WATER YEAR	
	THIS YEAR	61-80 AVERAGE	TOTAL TO DATE	61-80 AVERAGE
TAYLOR CANYON, NV	1.10	1.51	6.00	7.17
TONOPAH	.14	---	1.86	---
TROUT CREEK, LOWER	N O	R E P O R T		
TUSCARORA, NV	N O	R E P O R T		
VIRGINIA CITY	1.29	---	8.18	---
WARD MOUNTAIN, NV	N O	R E P O R T		
WILDHORSE RESERVOIR	N O	R E P O R T		
WELLS	.74	.71	3.97	4.30
WINNEMUCCA	.68	---	5.06	---
YERTINGTON	.16	---	1.24	---

BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF MARCH 1 AVERAGE

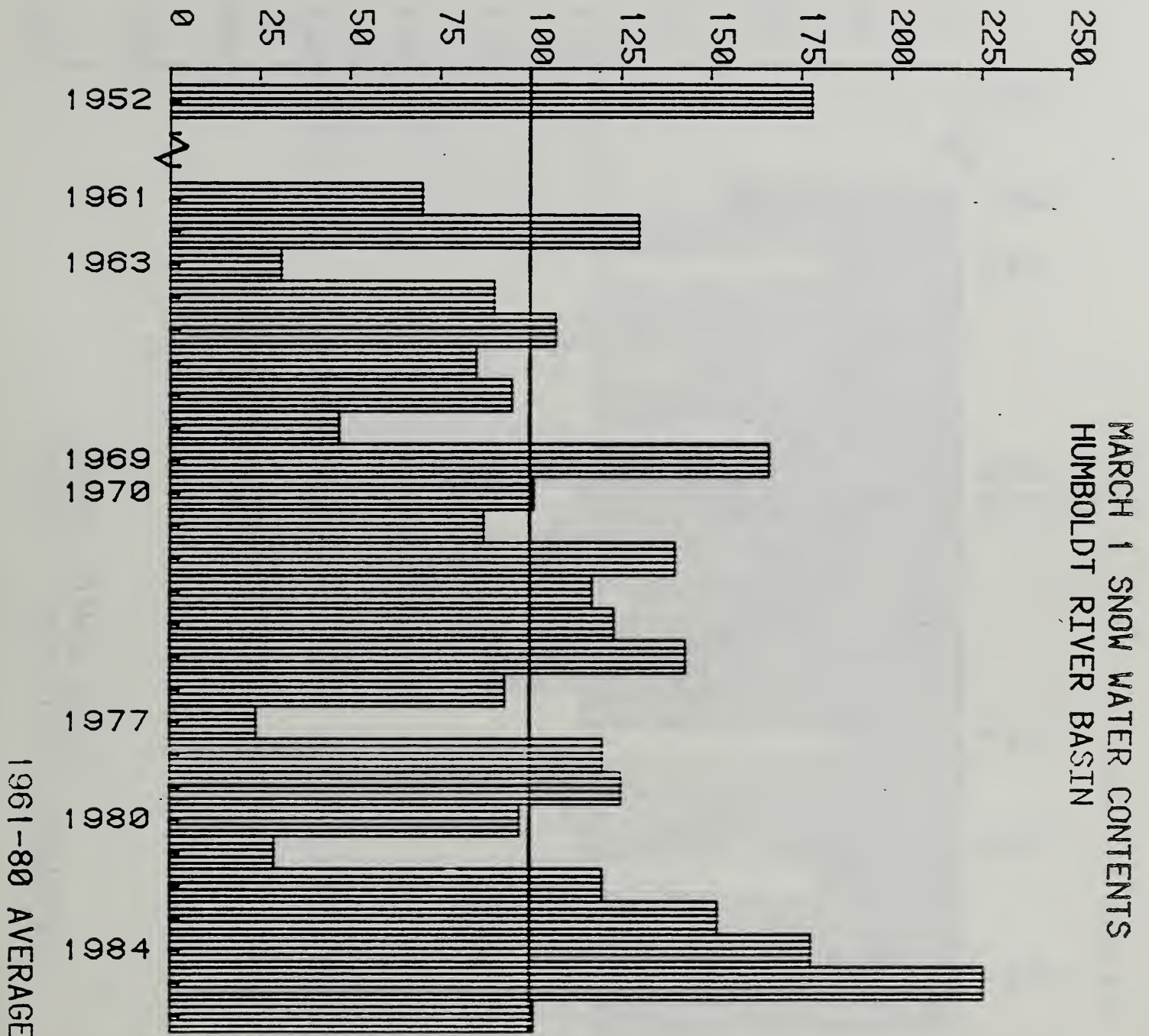


MARCH 1 SNOW WATER CONTENTS
TAHOE-TRUCKEE BASIN

MARCH 1 SNOW WATER CONTENTS
CARSON-WALKER BASIN

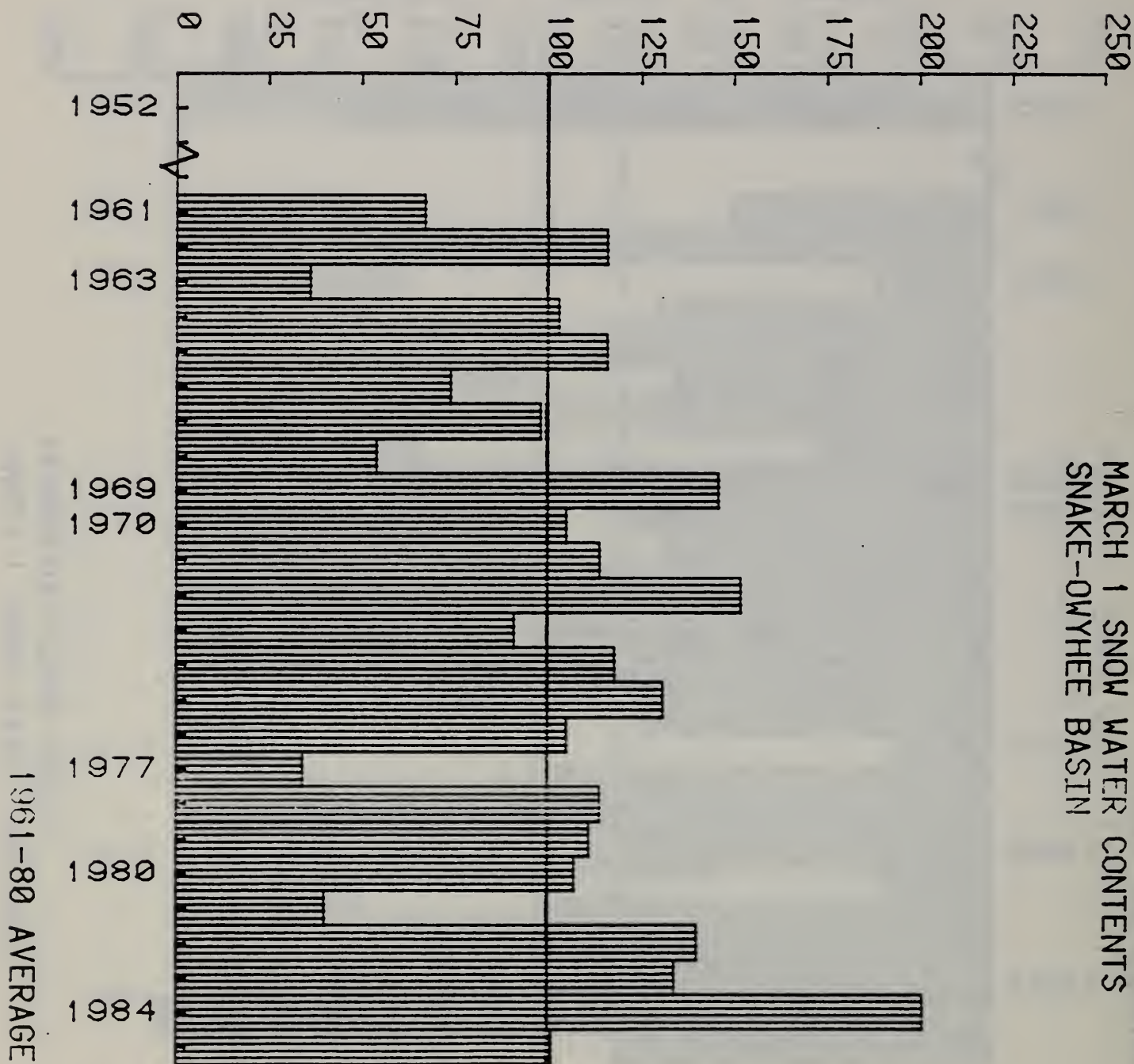


BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF MARCH 1 AVERAGE



BASIN AVERAGE SNOW WATER CONTENT,
PERCENT OF MARCH 1 AVERAGE

MARCH 1 SNOW WATER CONTENTS
SNAKE-OWYHEE BASIN



AGENCIES COOPERATING IN COLLECTING DATA CONTAINED IN THIS BULLETIN

FEDERAL

Agricultural Research Service
Bureau of Reclamation
Fish and Wildlife Service
Forest Service
Geological Survey
Soil Conservation Service
U.S. District Court - Federal Water Master
NOAA, National Weather Service

STATE

California Cooperative Snow Surveys
California Department of Parks and Recreation
California Department of Water Resources
Colorado River Commission of Nevada
Idaho Cooperative Snow Surveys
Nevada Association of Conservation Districts
Nevada Department of Conservation & Natural Resources
 Division of Water Resources
 Nevada State Forester
 Division of Conservation Districts
Oregon Cooperative Snow Surveys
University of Nevada, Desert Research Institute
Utah Cooperative Snow Surveys

PRIVATE

Amalgamated Sugar Company
Kennecott Copper Corporation
Nevada Irrigation District
Owyhee Project North Board of Control
Owyhee Project South Board of Control
Pacific Gas and Electric Company
Pershing County Water Conservation District
Sierra Pacific Power Company
Truckee - Carson Irrigation District
Walker River Irrigation District
Washoe County Water Conservancy District

Other organizations and individuals furnish valuable information for the snow survey reports. Their cooperation is gratefully acknowledged.

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